

**SECRET**

22 January 1957

SAPC	12782
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CMCC Doc. No. 151X5.392

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Dear Dick:

We are forwarding herewith eight copies of Monthly Progress Letter No. 18, covering the work performed on System No. 3 during the period extending from 4 December 1957 to 4 January 1957.

Sincerely,

*Burt.*

Burt

Enclosures:

CMCC Doc. No. 163X5.27

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NEXT REVIEW DATE: 2011  
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DATE: 8/12/91 REVIEWER: 037169

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CY 178

Monthly Progress Letter No. 18

Contract No. A-101

System 3

4 December 1956 to 4 January 1957

CMCC Document No. 163X5.27

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(This document contains a total of 3 sheets,  
including this title sheet.)

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### 1. General

During the interval covered by this letter, the major effort was directed toward improving systems production.

### 2. Production Status

- a. Two systems, and a set of spare assemblies were delivered during this report interval, and preliminary work, necessary for the production of systems beyond the 11 systems originally planned, has been undertaken.
- b. The rate of production has been slowed by the necessity for making certain minor changes indicated by shake-down experience acquired on initial systems. These changes will be completed sometime within the next few weeks and should result in an acceleration of the production rate.

### 3. Shock and Vibration Tests

A production model of the system was subjected to shock tests and no defects were revealed. A mounting base is being prepared for vibration tests.

### 4. System Installation and Flight Test

A system was installed and checked in the operational vehicle on 5 December 1956. The test proved successful except for an intermittent recording condition in one of the three channels of the magnetic tape recorder. This fault was traced to a loose strand at the connector of the airborne recorder and corrected.

### 5. System Improvements

Improvements in the cabling harness on the chassis plate of System 3 are being tested. The evaluation will be completed within the next report period.

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6. Planning

During the next reporting interval, the major effort will be directed toward completing the changes referred to above and expediting the inclusion of these changes during production.

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